| | Application No. | Applicant(s) | |
|---|---|---|---|
| **Notice of Allowability** | 10/822,312 | HENNING ET AL. | |
| | Examiner | Art Unit | |
| | RACHNA S. DESAI | 2176 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *3/30/09*.

2. ☒ The allowed claim(s) is/are *1,3,8 and 25-42*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

            International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

      Paper No./Mail Date _____ .

   **Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/Rachna S Desai/
Primary Examiner, Art Unit 2176

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Ryan Grace on 06/02/09.

The application has been amended as follows:

**In the claims:**

1)      A computer-implemented method for tracking and diagramming navigated

portions of a web site comprising:

receiving a selected web site on a web site diagramming application of a client;

on the web site diagramming application, automatically parsing the selected web

site for subordinate web pages to the selected website, ~~wherein~~ one of the subordinate

web pages ~~is~~ being a_n interaction-required web page, ~~wherein~~ the interaction-required

web page ~~requires~~ requiring user interaction to access a web page subordinate to the

interaction-required web page;

on the web site diagramming application, initially mapping web links of the web

pages subordinate to the web site including the interaction-required web page to a web

diagram data structure of the web site diagramming application, ~~wherein a~~ the web link~~s~~

of the web page~~s~~ subordinate to the interaction-required web page ~~is~~ are not initially

mapped to the web diagram data structure of the web site diagramming application;

after the initial mapping, receiving a selection of the web link of the interaction-

required web page in the web diagram data structure of the web site diagramming

application to cause a browser to obtain a web page of the interaction-required web

page from a server, ~~wherein~~ the web page of the interaction-required web page ~~is~~ being

displayed in a user interface of the web-site diagramming application, ~~wherein~~ the user

interface of the web-site diagramming application ~~includes~~ including an expand target

selector;

receiving a user input in the displayed interaction-required web page to cause

access to the web page subordinate to the interaction-required web page to cause

access to the web page subordinate to the interaction-required web page;

in response to causing access to the web page subordinate to the interaction-

required web page:

determining whether the expand target selector of the user interface of the

web site diagramming application is selected;

when the expand target selector is selected, causing a link to the web

page subordinate to the interaction-required web page and links to web pages

subordinate to the web page subordinate to the interaction-required web page to

be additionally mapped to the initial mapping; and

        when the expand target selector is not selected, causing only a link to the

web page subordinate to the interaction-required web page to be additionally

mapped to the initial mapping.


29)    A computer-readable storage medium having computer executable instruction for

tracking and diagramming navigated portions of a web site, the instructions comprising:

        receiving a selected web site on a web site diagramming application;

        on the web site diagramming application, automatically parsing the selected web

site for subordinate web pages to the selected website, ~~wherein~~ one of the subordinate

web pages ~~is~~ <u>being</u> a<u>n</u> interaction-required web page, ~~wherein~~ the interaction-required

web page ~~requires~~ <u>requiring</u> user interaction to access a web page subordinate to the

interaction-required web page;

        initially mapping web links of the web pages subordinate to the web site including

the interaction-required web page to a web diagram data structure of the web site

diagramming application, ~~wherein a~~ <u>the</u> web link<u>s</u> of the web page<u>s</u> subordinate to the

interaction-required web page ~~is~~ <u>are</u> not initially mapped to the web diagram data

structure of the web site diagramming application;

        after the initial mapping, receiving a selection of the web link of the interaction-

required web page in the web diagram data structure of the web site diagramming

application to cause a browser to obtain a web page of the interaction-required web

page from a server, ~~wherein~~ the web page of the interaction-required web page ~~is~~ <u>being</u>

displayed in a user interface of the web-site diagramming application, ~~wherein~~ the user

interface of the web-site diagramming application ~~includes~~ including an expand target

selector;

receiving a user input in the displayed interaction-required web page to cause

access to the web page subordinate to the interaction-required web page to cause

access to the web page subordinate to the interaction-required web page;

in response to causing access to the web page subordinate to the interaction-

required web page:

determining whether the expand target selector of the user interface of the

web site diagramming application is selected;

when the expand target selector is selected, causing a link to the web

page subordinate to the interaction-required web page and links to web pages

subordinate to the web page subordinate to the interaction-required web page to

be additionally mapped to the initial mapping; and

when the expand target selector is not selected, causing only a link to the

web page subordinate to the interaction-required web page to be additionally

mapped to the initial mapping.


36)    A system for tracking and diagramming navigated portions of a web site, the

~~instructions~~ system comprising:

a processor;

a memory having computer executable instructions stored thereon, the computer

executable instructions ~~configured for~~ comprising:

receiving a selected web site on a web site diagramming application;

on the web site diagramming application, automatically parsing the selected web site for subordinate web pages to the selected website, ~~wherein~~ one of the subordinate web pages ~~is~~ <u>being</u> a<u>n</u> interaction-required web page, ~~wherein~~ the interaction-required web page ~~requires~~ <u>requiring</u> user interaction to access a web page subordinate to the interaction-required web page;

initially mapping web links of the web pages subordinate to the web site including the interaction-required web page to a web diagram data structure of the web site diagramming application, ~~wherein a~~ <u>the</u> web link<u>s</u> of the web page<u>s</u> subordinate to the interaction-required web page ~~is~~ <u>are</u> not initially mapped to the web diagram data structure of the web site diagramming application;

after the initial mapping, receiving a selection of the web link of the interaction-required web page in the web diagram data structure of the web site diagramming application to cause a browser to obtain a web page of the interaction-required web page from a server, ~~wherein~~ the web page of the interaction-required web page ~~is~~ <u>being</u> displayed in a user interface of the web-site diagramming application, ~~wherein~~ the user interface of the web-site diagramming application ~~includes~~ <u>including</u> an expand target selector;

receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page to cause access to the web page subordinate to the interaction-required web page;

in response to causing access to the web page subordinate to the interaction-required web page:

determining whether the expand target selector of the user interface of the web site diagramming application is selected;

when the expand target selector is selected, causing a link to the web page subordinate to the interaction-required web page and links to web pages subordinate to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping; and

when the expand target selector is not selected, causing only a link to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping.

42) ~~A computer-readable storage medium~~ The system of claim ~~29~~ 36, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a hyperlink input which causes access to the web page subordinate to the interaction-required web page.

### *Conclusion*


Any inquiry concerning this communication or earlier communications from the examiner should be directed to RACHNA S. DESAI whose telephone number is (571)272-4099. The examiner can normally be reached on M-F (8:30AM-6:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached on 571-272-4137. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


/Rachna S Desai/
Primary Examiner, Art Unit 2176
06/02/09